

Project:

Date:

Product: Thermoply Buliding Sheathing

Conclusion:

Evaluation Categories	Evaluation Criteria	Questions to Ask	Yes/No/Unknown	Comments
Health & Pollution	Free of Hazardous Chemicals	Is the product free of hazardous chemicals such as PCB's, bromines, or formaldehydes, and other substances on the Red List?	YES	No formaldehydes. PVA non-toxic binding agent
	Avoids Use of Hazardous Chemicals	Does the product avoid the use of hazardous chemicals such as degreasers, special cleaners, or other additives?	YES	
	Manufacturing Avoids Hazardous Chemicals	Does the manufacturing process avoid the use of hazardous chemicals? Does the manufacturing process avoid the production of hazardous wastes?	UNKNOWN	
	No leach/offgas potential	Does the product NOT leach or off-gas compounds such as formaldehyde, plasticizers or VOC's?	NO	Very minimal
	Health Enhancement	Does the product enhance the health and well being of those who encounter or use it? (e.g. a bicycle powered information display)	NO	
Environmental Resources	Resource Efficiency	Is the product energy efficient (Energy Star rated or similar)? Does the product minimize water and other resources used (WaterSense rated or similar)?	UNKNOWN	
	Raw Material Content	Is the product made from 25% post consumer recycled materials or salvaged materials (percentage by weight)? Is the product made from rapidly renewable materials such as cork, birch or bamboo? Is the product made from sustainably harvested materials? (e.g. FSC-certified)	YES	100% recycled, 80% post-consumer, no need for housewrap. Increased fastener use.
	Resource Efficiency During Manufacture	Does the product produce positive environmental gains during its manufacture and use (energy, water, air)?	UNKNOWN	
	Recyclability	Is the product fully disassemblable? Is the product fully recyclable?	YES	
	Post Use	Does the manufacturer have a program to recycle or take back the product?	UNKNOWN	99% recyclable
	Transport Costs	Where are the product's raw materials harvested/extracted? Where is the product manufactured? Where is the product's distributor?	UNKNOWN	Recycled form consumer waste stream
	Packaging	Does the product avoid excessive packaging?	YES	Minimal packaging
	Local Impacts	Does the product provide habitat or enhance local ecosystems? Does the product positively impact the local microclimate/environment? (e.g. heat island effect)	UNKNOWN	
Community & Society	Fair Wages	Is the product produced using fair wage labor? Is the product produced in a shop that allows labor organizing?	YES	American: Franklin, MA
	Safe Workplace	Is the product produced in a safe workplace (OSHA compliant, etc)? Does the product require and MSDS sheet for manufacture or fabrication?	YES	OSHA compliant
	Safe Products	Is the product safe for users and maintenance personnel?		Some structural concerns if improperly installed
	Transparency	Are the companies manufacturing and distributing the product transparent in their business practices? Does the manufacturer have a written environmental policy?	YES	Good
	Social Change	Does the product produce positive social change in its manufacture and use? (eg, employ homeless, produced locally, etc.)		Minimal
Human Value	Effectiveness and Usability	Will the product effectively meet the long term needs of LBNL? Is the product currently in use at LBNL? If so, is feedback positive?	UNKNOWN	Average reviews; proper installation very important
	Aesthetics	Is the product aesthetically appropriate for LBNL?		Average
	Lifecycle Cost	Does the product have a favorable long term cost including all maintenance, utilization and disposal? What is the products cost per square foot (unit cost)?		Cheaper than OSB; some concerns about longterm durability
	Service	Is the product well serviced and guaranteed by the manufacturer and/or vendor?		N/A
	Local Economy	Is the product made in the USA?	YES	
	Recommendations	Is the product been recommended in any green product databases such as EPA-EPDP, the California Integrated Waste Mangement Board's list, GreenSpec, or Oikos Green Building Source?	UNKNOWN	